



Operations Report

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CDF Weekly Meeting



This Week's Stores

Date	Store	Duration (h)	Inst Lum (initial)	Int Lum (delivered)	Int Lum (live)	ϵ
F 2/28	2285	15.1	13.5e30	448.5	343.4	76.6%

- Low luminosity and high losses
- Took silicon out after a D-mode calibration
- 3 hours of XFT efficiency studies
- Store ended with PAK3 prefire and quench
 - Large rad dose – usefulness of A11 collimator called into question
 - We were at standby – no damage incurred



Accelerator Status

- TeVatron post-quench hipot turned up a ground fault
- Localized to A1 sector by Sunday
 - Note that they didn't quench this sector
- Warm-up needed to find/fix the fault
- Fault found in magnet spool piece on Tuesday
 - Replaced and surveyed
- As long as they're in there....
 - Replace dipole with bad voltage tap (preventative maintenace)
 - Fix magnet rolls
- Leak-check, cool down, expect shots Tuesday morning



CDF Status

- Detector was in good shape on Friday
- Limit access during shutdown to minor repairs/investigations
 - IMU, CAL, Si
- Solenoid fast dump Tuesday afternoon
 - First time in Run II
 - No damage, cause not obvious
 - Plan to be up again by this afternoon
- CLC
 - Plan to replace 16 PMTs in the west outer ring tomorrow
 - If no gain drop observed, previous gas bottle becomes very likely suspect
 - Can do this without dismantling the beam pipe



The Plan

- All keys in by Friday noon (except CLC)
- Cosmics/checkout over the weekend
- Search and secure Monday
- Take sweet, sweet data on Tuesday 'til.... ?